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Maysan Upgrading city's 33kV feeder lines

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MAYSAN, Iraq- A series of 33kV feeder lines projects is among the critical jobs being undertaken by the U.S. Army Corps of Engineers in Maysan province.

Maysan is upgrading its electrical distribution network. So far, 155 kilometers of overhead cables, 467 kilometers of underground wires, and 1,075 towers have been installed, according to Barry D. Stuard, resident engineer for Maysan resident office of the Gulf Region South district of the U.S. Army Corps of Engineers.

Stuard said four 33kV feeder lines projects were completed recently in Maysan and that three more 33kV feeder lines project are expected to be finished by the first quarter of next year.

"The new projects significantly and immediately benefit people in more than 25 neighborhoods in the area," said an Iraqi project engineer with the Maysan resident office.

He said the people in this area lack electricity but before long will have a dependable electrical network.

"These are the only feeder lines projects that are going on in Maysan," Stuard said. "However, it will connect all of Maysan's seven new electrical 33kV substations that GRS has built to the electrical network to help provide more electrical power to the entire province,"

The projects cost \$12 million and aim to complete the power grid in Maysan, Stuard said. And once the country has the capability to produce enough power, the feeder lines and sub-stations to the net-



The completed Al Moshrah 33kV overhead power lines that connected to Al Moshrah 33kV substation, which is one of the 7 33kV substations that the GRS built in Maysan to help provide more electrical power the entire province. (USACE photo)

work can distribute it out to the entire province, he added

Stuart said this huge task started with the assessment of electrical stations and condition of the feeders that connected them. He said the Iraqi Ministry of Electricity specified how they wanted the feeders; overhead or underground. Next came coordination the installation of the new feeders



An Iraqi worker prepares to install the power cables to the transmission towers for Al Zuite 33kV overhead project. One of the seven 33kV feeder lines for the U.S. Army Corps of Engineers projects in Maysan Province. (USACE photo)

providing feeders lines and digging trenches for the underground feeders.

Stuard, who has worked for the U.S. Army Corps of Engineers for eight years, deployed from the Little Rock District, Ark. and signed up for a six-month tour. "We are helping people and all these projects benefit everyone in the area," he said.

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